

Index of Papers Published in JET PROPULSION, Journal of the American Rocket Society

Volume 24

January-February to November-December 1954

A-K

ABRAMSON, B. N., BRANDWEIN, D. S., and MENES, H. C.
The 350,000-Pound Thrust Rocket Test
Stand at Lake Denmark, N. J. 291

ADAMSON, T. C., Jr., *see* Marble, F. E., and Adamson, T. C., Jr.

BARTAS, J. G., *see* Mayer, E., and Bartas, J. G.

BEIGHLEY, C. M., and DEAN, L. E.
Study of Heat Transfer to JP-4 Jet Fuel 180

BLATZ, P. H.
Kinematics of a Vertical Booster 37

BLEYLE, G. A., HINCKLEY, R. B., and JEWETT, C. L.
An Air-Transportable Liquid Oxygen Generator—Its Operation and Application 297

BRANDWEIN, N. S., *see* Abramson, B. N., Brandwein, D. S., and Menes, H. C.

CAMPAGNA, F., and KREITH, F.
Comments on Supersonic Ramjet Diffusers 253

CASH, H. S.
A Recoverable Propulsion System for Long-Range Rockets 322

CHARVONIA, D. A., *see* Wood, H. L., and Charvonia, D. A.

CHENG, SIN-I
High-Frequency Combustion Instability in Solid Propellant Rockets. Parts 1 and 2 27, 102

CLAUSER, F. H.
Ramjet Diffusers at Supersonic Speeds 79

CROCCO, G. A.
The Crucial Problem in Astronautics: Recovery of Multistage Vehicles 313

DEAN, L. E., *see* Beighley, C. M., and Dean, L. E.

DEMETRIADES, S. T.
On the Decompression of a Punctured Pressurized Cabin in Vacuum Flight 35

ERICKSON, K. A.
A New Supply System for Satellite Orbits—Parts 1 and 2 303, 369

Satellite Orbits for Interplanetary Flight 381

ESCH, R., *see* Gross, R. A., and Esch, R.

FOSTER, C. R., *see* Summerfield, M., Foster, C. R., and Swan, W. C.

FOSTER, R. W., *see* Stehling, Kurt R., and Foster, R. W.

FRIEDMAN, R.
High-Temperature Durability of Molybdenum in Oxygen-Deficient Combustion Gases 187

GECKLER, R. D., and SPRENGER, D. F.
The Correlation of Interior Ballistic Data for Solid Propellants 22

GROSS, I., and SCOTT, J. E., Jr.
Performance of Ethylene Oxide as a Monopropellant 386

GOLDSMITH, S., and PENNER, S. S.
On the Burning of Single Drops of Fuel in an Oxidizing Atmosphere 245

GONGWER, C. A.
The Influence of Duct Losses on Jet Propulsion Devices 385

GRAHAM, R. W., *see* Reese, B. A., and Graham, R. W.

GREENBLER, P.
Thermal Properties and Applications of High Temperature Aircraft Insulations 374

Issue	Page Numbers	
January-February	1- 68	MATTHEWS, G. B., <i>see</i> Scott, J. E., Jr., Matthews, G. B., and Kovitz, A. A.
March-April	69-144	MAYER, E., and BARTAS, J. G. Transpiration Cooling in Porous Metal Walls.....
May-June	145-212	MCCARTHY, J. Nuclear Reactors for Rockets.....
July-August	213-280	MENES, H. C., <i>see</i> Abramson, B. N., Brandwein, D. S., and Menes, H. C.
September-October	281-348	MEISSE, C. C. Ballistics of an Evaporating Droplet.....
November-December	349-420	MINHAS, F. Comment on "Methods of Flow Measurement".....
		PENNER, S. S., <i>see</i> Goldsmith, M., and Penner, S. S.
		PRICE, E. W. Charge Geometry and Ballistic Parameters for Solid Propellant Rocket Motors.....
		REESE, B. A., and GRAHAM, R. W. Heat Transfer and Frictional Pressure Drop Characteristics of White Fuming Nitric Acid.....
		REITER, S. H., <i>see</i> Summerfield, M., Reiter, S. H., Kebely, V., and Mascolo, R. W.
		ROBISON, W. C. Ethylene Oxide as a Monopropellant.....
		EXPERIMENTAL MEASUREMENT OF THE HEATS OF DISSOCIATION OF HYDRAZINE-WATER AND HYDRAZINE-METHYL ALCOHOL SYSTEMS.....
		SABERSKY, R. H. Effect of Wave Propagation in Feed Lines on Low-Frequency Rocket Instability.....
		SCOTT, J. E., Jr., <i>see</i> Glassman, I., and Scott, J. E., Jr.
		MATTHEWS, G. B., and KOVITZ, A. A. The 8th ARS National Convention: A Technical Summary.....
		SEARS, G. A., <i>see</i> Marsh, B. W., and Sears, G. A.
		SPRENGER, D. F., <i>see</i> Geckler, R. D., and Sprenger, D. F.
		STERLING, K. R., and FOSTER, R. W. Liquid Jet Atomization by a Sonic Nitrogen System.....
		STERLING, G. E. Utilization of Radio Frequencies in Connection With Rockets.....
		SUMMERFIELD, M., FOSTER, C. R., and SWAN, W. C. Flow Separation in Overexpanded Supersonic Exhaust Nozzles.....
		REITER, S. H., KEBELY, V., and MASCOLO, R. W. The Physical Structure of Turbulent Flames.....
		SWAN, W. C., <i>see</i> Summerfield, M., Foster, C. R., and Swan, W. C.
		THOMAS, L. H. The Vulnerability of Satellite Vehicles to Countermeasures.....
		WALTER, H. Experience With the Application of Hydrogen Peroxide for Production of Power.....
		WARES, G. W. Terminology and Nature of Atmospheric Shells.....
		WISE, H., <i>see</i> Lorell, J., and Wise, H.
		WOOD, H. L., and CHARVONIA, D. A. The Ignition of Fuel Droplets Descending Through an Oxidizing Atmosphere.....